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TITLE : INFORMATION RECORDING MEDIUM

ABSTRACT : PURPOSE: To obtain an information recording medium especially excellent in the recording property such as the ageing stability, sensitivity and N/S ratio by providing a conductive film on a recording layer as transmitting a high- density energy light irradiated more than a specified quantity.

CONSTITUTION: This invention relates to an information recording medium in which an recording layer thermally varying with the irradiation of a high- density energy light by nature and the recording layer contains at least one of a high molecular liquid crystal and a mixture of a low molecular liquid crystal and a high molecular compound as main component. Said recording layer is laminated with a conductive thin film such as a metal thin film layer transmitting more than 5% of a high-density energy light irradiated. This utilizes thermal changes such as phase transfer caused in the high molecular liquid crystal thereby enabling the realization of a greater recording property such as aging stability, sensitivity and S/N ratio, harmlessness and easy mass production of the information recording medium.

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